

AMENDMENT TO THE SPECIFICATION

Please amend the paragraph that begins on page 5, line 16 as follows:

Redirecting elements 25 may be placed to redirect the signal 22 and extend the extent of the safety zone 80. The redirecting elements 25 are spaced away from the emitter 20 as illustrated in Figure 1. The redirecting elements 25 allow for the safety zone 80 to be extended into adjacent rooms where the signal 22 may not be able to directly cover because of blockage by walls, foreign objects, and the like. Additionally, the redirecting elements 25 may redirect the signal 22 back towards the emitter 20. This prevents a trainee from cheating the system by blocking the original signal 22 with their body or other foreign object to prevent activation of the sensor 30. The redirected signal 24 rebounds towards the trainee at a different angle that makes it difficult to block both the original and rebound signal. Further, redirecting element 25 may redirect the signal 22 to form more than one boundary. As illustrated in Figure 1, redirecting element 25 causes the redirected signal 24 ~~redirects the signal 22~~ to form a vertical boundary substantially perpendicular to the floor in addition to the original boundary that is substantially parallel with the floor. In one embodiment, redirecting element 25 is a mirror.